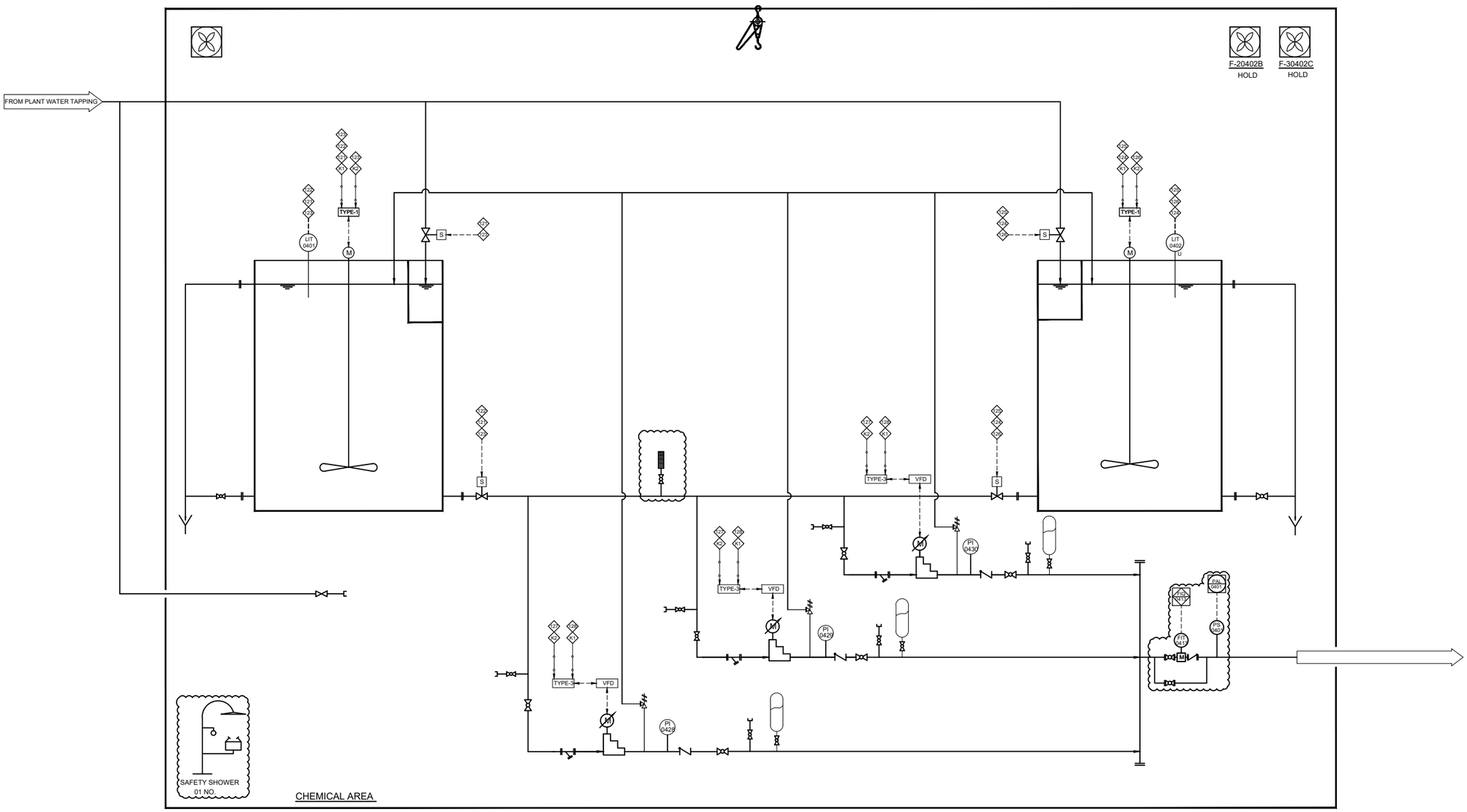
DESCRIPTION :	ALUM DOSING TANKS	ALUM DOSING MIXER	ALUM DOSING PUMPS	CHAIN PULLEY BLOCK	EXHAUST FAN
DIMENSION / KW	-	-	-	-	-
RATING :	-	-	-	-	-
CAPACITY / FLOW RATE :	-	-	-	-	-
OPERATING PRESSURE :	02 NOS.	SS316L	03 NOS. (2W+1S)	01 NO.	03 NOS.
MATERIAL :		02 NOS.			
QUANTITY :		HOLD		HOLD	HOLD



NOTES:

1. REFER MINIMUM INPUT/OUTPUT REQUIREMENTS.
2. EACH VENDOR PACKAGE CONTROLLER/PLC SHALL BE MONITORED (ALL I/O'S) FROM MAIN PLANT PLC.
3. COMPLETE PLANT SHALL BE DESIGNED FOR FULL AUTO OPERATION WITH NECESSARY HARDWIRED INTERLOCK, SOFT INTERLOCK BASED ON LEVEL, PRESSURE, FLOW ETC.
4. AUTOSAMPLER STATUS, SAMPLE STATUS ETC ALL PARAMETERS SHALL BE MONITORED.
5. THE CONTRACTOR SHALL INCLUDE ALL REQUIRED INSTRUMENTATION AND AUTOMATION TO FULFIL THE MINIMUM INPUT OUTPUT REQUIREMENTS FOR AUTOMODE CONTROL PLANT AS PER PART 13 PARTICULAR INSTRUMENTATION AND CONTROL REQUIREMENTS CLAUSE NO. 13.30.
6. AUTOSAMPLER STATUS, SAMPLE STATUS ETC ALL

REV.	DATE OF ISSUE	PREPARED BY	CHECKED BY	VALIDATED BY	PM	TENDER PURPOSE

CLIENT

CHIEF ENGINEER (DESIGN)
BANGALORE WATER SUPPLY AND SEWERAGE BOARD

CONSULTANT

NJS ENGINEERS INDIA PVT. LTD

PROJECT

UPGRADATION OF 40 MLD RAJACANAL PHASE I PROJECT

TITLE

PIPING AND INSTRUMENTATION DIAGRAM (P&ID) OF ALUM DOSING SYSTEM

(SHEET-6 OF 6)

DRAWN BY :	MK	VERIFIED BY :	VC
DESIGNED BY:	VC	APPROVED BY :	AGN

SCALE:	DRG. NO.	DATE	REV.
	NJSEI/BLR/DPR/RAJ1-40/STP/P&ID/7F	19.12.2022	R0